Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

PAN: AADCK8637M.

Second & Final Bill

(For Other Works)

Head of Account:

Division: EE Byatrayanapura Div

Sub division: AEE Byatrayanapura Div

Bill Received No. .....Date..... Cash Book Voucher No..... dated.....

Scheduled Docted No.

Indent: 29616.

Name of Work (as per sanctioned estimate): **Package-1, includes 10 works of Rs. 146.50 lakhs**

Name of Contractor and Full Address: **M/s KBR infratech Limited, #01, 1st Floor, 8th Main, RMV Extn 2nd Stage, Tatanagara, Bangalore-560094**

Reference to Work order No. **BBMP/EE/BTP/WO/165/2018-19** dt. 16.11.18

Certified that the measurement were taken by me on 16/9/2020 and recorded of pages: 501552 .....To 501581 of measurement Book No: 5016/19-20 and that the work is satisfactorily executed.

For KBR INFRATECH LIMITED

Contractor :

Officer-In-Charge of work

Certified that the measurements were taken by me on 16/9/2020 are found correct and the work is satisfactorily executed.

Managing Director

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

II Memorandum of Payment

Sub-Division Officer

Assistant Executive Engineer
Kodigehalli Sub Division.
Yelahanka Zone, B.B.M.P.,
Bangalore.

1) Total value of work done or supplies made as per account within			
2) Deduct amount to be held in reserve being.....percent Rs.....			
3) Deduct amount to be held in Balance			
4) Deduct Payments:			
a) Amount of previous payment as in the office Cash Book Voucher No.....Dated .....S.D No.....	Total	13520100	00
Amount adjusted towards cash advance recovery of	Previous - 1st & Part	8844100	00
b) Payments cost store or other materials supplied	TTB - 2nd & Final	4676000	00
Now made recovery of amount creditable to this/other work	It	93520	00
Amount paid on this bill Cheque/Cash	CGST	41750	00
5) Balance being unpaid value of work done held in reserve	SGST	41750	00
6) Deduct cash advance made on the Office Cash Book Voucher No..... dated..... less adjustments	Cess ~~ESBS~~	46760	00
	CBF	4676	00
7) Net amount due to or from contractor	LR	22419	00
Unadjusted items	Fine	4725	00
8) Advance to contractor for materials brought to site (as detailed) with Value of Government materials supplied	Ded.	255600	00
	Cheque	4420400	00

For KBR INFRATECH LIMITED

Contractor's Signature

Managing Director

Received **Rs.**

by cash and by adjustment of Payment as per memorandum.

Witnesses:

1

2

Dated..... Signature of Contractor

For KBR INFRATECH LIMITED

Stamp

Managing Director

Paid by me by cheque No.....dated.....

Cast Rs.....dated.....

Initials of Officer making payment

P3110 / P3291 / P3292 / P3293 / P3294 / P3296

(For use in the Office)

ಲೆಕ್ಕಶೀರ್ಷಿಕೆ 14th Finance work. ರಡಿ

ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 4676000/- ಗಳನ್ನು ಪಾಸು ಮಾಡಿದೆ.

ಇದರಲ್ಲಿ ರೂ. 255600/- ಗಳನ್ನು ಹೊಂದಾಣಿಕೆ

ಮಾಡಿಕೊಂಡು ರೂ. 4420400/- ಗಳನ್ನು

Executive Engineer

FT/NEFT/RTCS ಮುಖಾಂತರ ನಿಲ್ದಾಗಿದೆ

25/09

25/09

BRUHAT BANGALORE MAHANAGARA PALIKE

BYATARAYANAPURA DIVISION

Name of Work :- Package-1, includes 10 works of Rs. 146.50 lakhs

Bill No :- Second and Final Bill

Sl. No.	Description	Unit	BOQ Qty.	BOQ RATE	Previous Bill		Present Bill		Total claimed up to this bill	
					Quantity	Amount	Quantity	Amount	Quantity	Amount
1	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its quality & acceptability of the users indicating the location of site, recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging techinical personal and labour required etc., as per Specification and direction ,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	Each	4	2074.15	4.00	8297.00	0.00	0.00	4.00	8297.00
2	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc.,) ,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work 0 to 50 m	Rmtr	200	337.24	200.00	67448.00	0.00	0.00	200.00	67448.00
3	50 to 100 m	Rmtr	200	440.84	200.00	88168.00	0.00	0.00	200.00	88168.00
4	100 to 150 m	Rmtr	200	490.43	200.00	98086.00	0.00	0.00	200.00	98086.00
5	150 to 200 m	Rmtr	200	517.99	200.00	103598.00	0.00	0.00	200.00	103598.00
6	200 to 250 m	Rmtr	200	599.54	200.00	119908.00	0.00	0.00	200.00	119908.00
7	250 to 300 m	Rmtr	200	642.52	200.00	128504.00	0.00	0.00	200.00	128504.00

Sl. No.	Description	Unit	BOQ Qty.	BOQ RATE	Previous Bill		Present Bill		Total claimed up to this bill	
					Quantity	Amount	Quantity	Amount	Quantity	Amount
8	Supply of ISI mark 175 mm nominal bore medium black ERW casing pipe of 5 mm thick black electric resistance continuous welded mild steel tube material confirming to IS 1387 / 1993 & manufactured from hot rolled steel skelp / stripes in random length of 4 to 7 mts both ends threaded confirming to IS 554 / 1985, one end fixed with a socket and the other and with a plastic protection end (including of all taxes) ,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	Rmtr	380	1417.75	380.00	538745.00	0.00	0.00	380.00	538745.00
9	Providing 250mm dia PVC Pipe 6kg/cm as per specification and direction of the Engineer in Charge of the work	Rmtr	72	1177.00	72.00	84744.00	0.00	0.00	72.00	84744.00
10	Providing and fixing 160mm Borewell Cap ,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	No.	6	107.00	6.00	642.00	0.00	0.00	6.00	642.00
11	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings 10.00 HP 20 stage.with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work 12.50 HP 20 stage	No	4	64628.00	4.00	258512.00	0.00	0.00	4.00	258512.00
12	Providing and fixing in trenches galvanised / mild steel tubes (medium grade) 50mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for separately) including cost of all materials, labour charges, HOM of equipments and testing etc., complete and as per the directions of the Engineer-in-charge of the work	Rmtr	1040	489.97	1040.00	509569.00	0.00	0.00	1040.00	509569.00
13	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 Volts. with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr	2160	135.57	2160.00	292831.00	0.00	0.00	2160.00	292831.00

0.00 0.00

Sl. No.	Description	Unit	BOQ Qty.	BOQ RATE	Previous Bill		Present Bill		Total claimed up to this bill	
					Quantity	Amount	Quantity	Amount	Quantity	Amount
14	Labour charges for erection as new /repaired submercible pumpset allong with GI pipe (32/50mm) cable (new submercible pumpset if required will be supplied by the department free of cost and released pumpset shoud be handed over to department including transportation (Each lenth =6.00) etc., complete and as per the directions of the Engineer-in-charge of the work	m	176	94.16	176.00	16572.00	0.00	0.00	176.00	16572.00
15	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc., with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	No.	6	323.14	6.00	1939.00	0.00	0.00	6.00	1939.00
16	Supplying of LTUG cable having aluminium condutor PVC insulated shethed, galvnised steel, wire / steel tap armoured cable with PVC outer sheathing 1.1 KV class.with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr	180	150.23	180.00	27041.00	0.00	0.00	180.00	27041.00
17	Labour charges for laying of 1.1 K.V class UG cable (PWD Electrical SR-1999-2000, with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr	180	11.56	180.00	2081.00	0.00	0.00	180.00	2081.00
18	Digging or trenching of 0.6 m x 0.5 m wide refilling the trench to the required ground level and consolidating etc., complete as per Civil SR KSRB 1-2 P-7 with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr	150	90.95	150.00	13643.00	0.00	0.00	150.00	13643.00
19	Supplying and fixing of Class A (meaium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr	24	369.15	24.00	8860.00	0.00	0.00	24.00	8860.00
20	Supplying and fixing L.T. cast Iron pot head suitable for 1.1 KV class UG cable filled with necessary bituumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc.,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	No.	6	299.60	6.00	1798.00	0.00	0.00	6.00	1798.00

Sl. No.	Description	Unit	BOQ Qty.	BOQ RATE	Previous Bill		Present Bill		Total claimed up to this bill	
					Quantity	Amount	Quantity	Amount	Quantity	Amount
21	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cutouts and other equipments on the meter board using 40 mm dia 2.90 mm thick GI pipe 2.5 m long buried in a pit. The pit should be filled with equal propotion of solt and charocoal 150 mm alround the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size, as per ISI specification 7.3.3 IS 732 using 12 mm dia bolts, nuts, washers and check nuts, etc., the pipe shall have 16 throught holes of 122 mm dia, (PWD Electrical SR-1999-2000, with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	No	6	2917.89	6.00	17507.00	0.00	0.00	6.00	17507.00
22	Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc.,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	No.	36	192.60	36.00	6934.00	0.00	0.00	36.00	6934.00
23	Providing and fixing in position 50mm nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	No	4	1696.76	4.00	6787.00	0.00	0.00	4.00	6787.00
24	Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc., complete.with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	No	4	243.85	4.00	975.00	0.00	0.00	4.00	975.00
25	SSupplying and fixing 50mm dia GI X nipple with ISI mark with all lead and lift loading unloading and labour etc., complete and as per the directions of the Engineer-in-charge of the work	No	16	111.60	16.00	1786.00	0.00	0.00	16.00	1786.00
26	Supplying and fixing miniature circuit breakers/solaters on existing MCB distribution boards using necessary fixing materiasl wiring complete as requireds 5 to 30 amps triple pole with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	No	6	1655.29	6.00	9932.00	0.00	0.00	6.00	9932.00

0.0 1.06

Sl. No.	Description	Unit	BOQ Qty.	BOQ RATE	Previous Bill		Present Bill		Total claimed up to this bill	
					Quantity	Amount	Quantity	Amount	Quantity	Amount
27	Fabrication supplying and mounting MS box of 16 SWG suitable for floor /wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primer paint and finally finished with approved colour enamelled metal paint etc., complete box of 21600 sqcm with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	Sq.Cm	123000	0.35	122880.00	43008.00	0.00	0.00	122880.00	43008.00
28	Supplying fully automatic store detta starter unit push button type with suitable wires three contractors one adjustable termal timer mounted on a common base plate held in steel enclosure for use on 400/440 volts 3pase and wired offter fixing to the wooden board for motor upto 12.50 HP with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	No.	4	7043.81	4.00	28175.00	0.00	0.00	4.00	28175.00
29	Earthwork excavation for pipeline foundation including deporiting or bank up to a depth of 50 mtrs including shiriry and statting danger lighting and using site rails and boming poles at every 100 mtrs wherever necessary as directed in th following strructure manhole with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	Cum	783	201.16	364.50	73323.00	418.50	84185.46	783.00	157508.00
30	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work 75mm Dia 6 KSC	Rmtr	1740	167.99	810.00	136072.00	930.00	156230.70	1740.00	292303.00
31	Sand filling in wells complete as per drawing and technical specifications etc., complete and as per the directions of the Engineer-in-charge of the work	each	313.2	3126.99	145.80	455915.00	167.40	523458.13	313.20	979373.00

763874.29

Sl. No.	Description	Unit	BOQ Qty.	BOQ RATE	Previous Bill		Present Bill		Total claimed up to this bill	
					Quantity	Amount	Quantity	Amount	Quantity	Amount
32	Refilling the bumont and pipeline treanches with secleted available earthe for trench excavation including authority condition in layers from thedi including disponsary of the sunplus earth with a heavy 200 mtrswith all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	Cum	469.8	65.27	218.70	14275.00	251.10	16389.30	469.80	30664.00
33	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 50mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specification with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	Each	14	2920.57	14.00	40888.00	0.00	0.00	14.00	40888.00
34	Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods etc complete as per specifications and directions of engineer in charge of the work	Cum	460.28	213.32	0.00	0.00	460.28	98185.86	460.28	98186.00
35	Removing and resetting of footpath slab etc complete as per specifications and directions of engineer in charge of the work	Sqm	1500	141.78	0.00	0.00	1499.70	212627.47	1499.70	212627.00
36	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing etc complete as per specifications and directions of engineer in charge of the work	Cum	91.86	6171.18	0.00	0.00	91.86	566884.59 566909.28 566884.59	91.86	566884.59 566909.00 566884.59
37	Providing precast slab of 100 mm thick including cost of all materials, labour, curing, transportation, loading unloading, etc., complete as per the direction of engineer in charge	Sqm	623.52	1948.00	0.00	0.00	623.34	1214266.32	623.34	1214266.00
38	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation etc complete as per specifications and directions of engineer in charge of the work	No	1522	355.00	0.00	0.00	1522.00	540310.00	1522.00	540310.00

26486634

Sl. No.	Description	Unit	BOQ Qty.	BOQ RATE	Previous Bill		Present Bill		Total claimed up to this bill	
					Quantity	Amount	Quantity	Amount	Quantity	Amount
39	Providing and applying ready mix priming coat over concrete / masonry / asbestos cement sheet / plastered surfaces including preparing the surface after thoroughly cleaning of oil, grease, dirt and other foreign matter, and sand papering including cost of materials, labour, etc complete as per specifications and directions of engineer in charge of the work	Sqm	958.5	29.49	0.00	0.00	957.83	28246.26	957.83	28246.00
40	Providing and applying spray painting in two coats (excluding priming coat) over concrete / masonry / asbestos cement sheet / plastered surfaces with flat wall paint of approved brand to give even shade after cleaning the surface of all dirt, dust and other foreign matter, and sand papering including cost of materials, labour, etc complete as per specifications and directions of engineer in charge of the work	Sqm	958.5	74.86	0.00	0.00	957.83	71702.78	957.83	71703.00
41	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing etc complete as per specifications and directions of engineer in charge of the work	Cum	3.6	5723.17	0.00	0.00	3.60	20603.41	3.60	20603.00
42	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing etc complete as per specifications and directions of engineer in charge of the work	Cum	6.48	4748.90	0.00	0.00	6.48	30772.87	6.48	30773.00
43	Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing etc complete as per specifications and directions of engineer in charge of the work	Cum	4.86	5676.67	0.00	0.00	4.86	27588.16 27560.23 27588.61	4.86	27588.16 27560.00 27588.61
44	Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing etc complete as per specifications and directions of engineer in charge of the work	Sqm	21.6	111.15	0.00	0.00	21.60	2400.84	21.60	2401.00
45	Providing precast slab of 250 mm thick including cost of all materials, labour, curing, transportation, loading unloading, etc., complete as per the direction of engineer in charge.	Sqm	21.6	5483.75	0.00	0.00	21.60	118449.00	21.60	118449.00

99963.32

								21.60	118449.00	21.60	118449.00

299263.32

Sl. No.	Description	Unit	BOQ Qty.	BOQ RATE	Previous Bill		Present Bill		Total claimed up to this bill	
					Quantity	Amount	Quantity	Amount	Quantity	Amount
46	Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed etc., complete and as per the directions of the Engineer-in-charge of the work	Cum	487.5	218.41	480.00	104837.00	7.47	1631.52	487.47	106468.00
47	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods etc., complete and as per the directions of the Engineer-in-charge of the work	Cum	95.4	341.00	95.60	32599.00	0.00	0.00	95.60	32599.00
48	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing etc., complete and as per the directions of the Engineer-in-charge of the work	Cum	15.69	5624.31	14.13	79476.00	1.56	8773.92	15.69	88250.00
49	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing etc., complete and as per the directions of the Engineer-in-charge of the work	Cum	22.09	4838.50	21.58	104425.00	0.51	2467.64	22.09	106892.00
50	Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing etc., complete and as per the directions of the Engineer-in-charge of the work	Cum	25.78	5783.78	25.78	149118.00	0.00	0.00	25.78	149118.00

12873.08

67.60

Sl. No.	Description	Unit	BOQ Qty.	BOQ RATE	Previous Bill		Present Bill		Total claimed up to this bill	
					Quantity	Amount	Quantity	Amount	Quantity	Amount
51	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing etc., complete and as per the directions of the Engineer-in-charge of the work	Cum	23.6	6287.62	22.68	142605.00	0.92	5784.61	23.60	148389.00
52	Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing etc., complete and as per the directions of the Engineer-in-charge of the work	Sqm	187.74	112.09	147.81	16568.00	7.20	807.05	155.01	17375.00
53	Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing etc., complete and as per the directions of the Engineer-in-charge of the work	Sqm	147.24	1048.13	145.86	152875.00	1.38	1446.42	147.24	154321.00
54	Providing 18mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing etc., complete and as per the directions of the Engineer-in-charge of the work	Sqm	207.25	228.81	207.25	47421.00	0.00	0.00	207.25	47421.00
55	Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. - with primer etc., complete and as per the directions of the Engineer-in-charge of the work	Sqm	201.4	97.07	0.00	0.00	200.00	19414.00	200.00	19414.00

27452.08

					Previous Bill	Present Bill	Total claimed up to this bill

Sl. No.	Description	Unit	BOQ Qty.	BOQ RATE	Previous Bill		Present Bill		Total claimed up to this bill	
					Quantity	Amount	Quantity	Amount	Quantity	Amount
56	Providing and fixing M.S. Gate as per Chief Architect Drawing, using 50mm x 50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x 16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal member and at the top cast iron spikes are provided at alternate vertical members asshown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc., complete and as per the directions of the Engineer-in-charge of the work	Sqm	5.7	3390.53	0.00	0.00	5.70	19326.02	5.70	19326.00
57	Sand Filling in Foundation Trenches as per Drawing & Technical etc complete as per specifications and directions of engineer in charge of the work	Cum	42.75	3126.99	0.00	0.00	42.75	133678.82	42.75	133679.00
58	Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, etc complete as per specifications and directions of engineer in charge of the work	Sqm	90	29.49	0.00	0.00	90.00	2654.10	90.00	2654.00
59	Providing Children play Merry-go-Round equipment : Made of MS 'A' Class pipes. Main pillars in 100 mm dia fitted with shaft and two bearing the other cross members are in 25 & 20 mm MS A Class pipe the bottom ring is made out of 25mm of ring size is 1.20 mts dia fitted with four seats are in mental sats if 250 x 200 x 18 SWG handles are made out of 20mm NB pipes and othe supports are in 25mm MS 'A' Class pipes. All the pipes are painted with two coats of super set paint over a coat of protective Zinc chromate yellow oxide including fixing the play equipments in CC 1:2:4, curing etc., complete with all lead, lift, loading, unloading and any other incidental charges and as perthe draing and specification and direction of the engineer in charge of the work.	Each	1	29960.00	0.00	0.00	1.00	29960.00	1.00	29960.00

185618.94

Sl. No.	Description	Unit	BOQ Qty.	BOQ RATE	Previous Bill		Present Bill		Total claimed up to this bill	
					Quantity	Amount	Quantity	Amount	Quantity	Amount
60	Providing Children Play Standard Swing : This Swing consosts of 2 Nos, seat of solid fibbed FP of size 480 mm x 180 mm x 3.5 mm supported by MS chains. The chains are supported by circular housing with bearing from which the chain in suspended. The main beam is of 50 mm MS 'A' class pipe Size of MS chain 30 mm x 20 mm x 5mm thick The 2 Nos inverted 'V' beams are of 50 mm 'A' class pipes secured at the top the main beam by means of CI castings (Heavy duty for elders) All pipes are of ISI grade all the pipes are painted with two coats of super set paitng over a coat of protective Zinc chromate yellow oxide including fixing the play equipments in CC 1:2:4, curing etc., complete with all lead, lift, loading, unloading and any other incidental charges and as perthe draing and specification and direction of the engineer in charge of the work.	Each	1	59920.00	0.00	0.00	1.00	59920.00	1.00	59920.00
61	Duck wheel etc complete as per specifications and directions of engineer in charge of the work	Each	1	72760.00	0.00	0.00	1.00	72760.00	1.00	72760.00
62	Duck Swing (2 seater) etc complete as per specifications and directions of engineer in charge of the work	Each	1	59920.00	0.00	0.00	1.00	59920.00	1.00	59920.00
63	Mini Slide etc complete as per specifications and directions of engineer in charge of the work	Each	1	17120.00	0.00	0.00	1.00	17120.00	1.00	17120.00
64	Providing Granite Benches etc complete as per specifications and directions of engineer in charge of the work	Each	6	10700.00	0.00	0.00	6.00	64200.00	6.00	64200.00
65	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing etc., complete and as per the directions of the Engineer-in-charge of the work	Sqm	4.52	223.03	4.50	1004.00	0.00	0.00	4.50	1004.00
66	Providing 20mm thick cement plaster in single coat with cement mortar 1:6, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing etc., complete and as per the directions of the Engineer-in-charge of the work	Sqm	204.26	240.36	203.14	48827.00	0.00	0.00	203.14	48827.00
67	Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing etc., complete and as per the directions of the Engineer-in-charge of the work	Sqm	8.33	28.89	8.31	240.00	0.00	0.00	8.31	240.00

273920

Sl. No.	Description	Unit	BOQ Qty.	BOQ RATE	Previous Bill		Present Bill		Total claimed up to this bill	
					Quantity	Amount	Quantity	Amount	Quantity	Amount
68	Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, etc., complete and as per the directions of the Engineer-in-charge of the work	Sqm	50.01	82.05	50.01	4103.00	0.00	0.00	50.01	4103.00
69	Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. - with primer etc., complete and as per the directions of the Engineer-in-charge of the work	Sqm	176.17	97.07	165.33	16048.00	10.72	1040.59	176.05	17089.00
70	Providing Ceramic tiles of approved make,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications. - for Ceramic Tiles of size 30x30cms 6mm thick etc., complete and as per the directions of the Engineer-in-charge of the work	Sqm	4.56	1358.99	4.56	6197.00	0.00	0.00	4.56	6197.00
71	Providing and fixing in position collapsible steel shutters with single or double leaf with vertical channel 20mmx10mmx2mm braced with flat iron diagonals 20mmx5mm size, with top and bottom rails of T iron sections of 40x40x6 mm with 38mm dia steel pulleys complete with bolt and nuts, locking arrangements, stoppers, handles on both sides with 7.5cms openings at 10 cms. c to c applying a priming coat of red lead paint. cost of materials, labour, HOM of machinery complete as per specifications. size of gate 2.4mx1.4m. etc., complete and as per the directions of the Engineer-in-charge of the work	Sqm	4.8	4660.53	0.00	0.00	4.80	22370.54	4.80	22371.00
72	Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Specification No.KBS 14.16, 14.17 - Colour glazed tiles 15x15 cms 6mm thick etc., complete and as per the directions of the Engineer-in-charge of the work	Sqm	65.4	1238.80	65.40	81018.00	0.00	0.00	65.40	81018.00

22370.54

Sl. No.	Description	Unit	BOQ Qty.	BOQ RATE	Previous Bill		Present Bill		Total claimed up to this bill	
					Quantity	Amount	Quantity	Amount	Quantity	Amount
73	SOLID PVC DOOR FRAME Providing & fixing factory made PVC Door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet metered cut at corners & jointed 2 No.s of 150mm long brackets of 15x15mm M.S Square tube, the entire door frame to be reinforced with 19x19mm M.S Square tube of 19 gauge. The door frame to be fixed to the wall using M.S. Screws of 65/80mm etc., complete and as per the directions of the Engineer-in-charge of the work	Sqm	24.57	607.85	24.57	14935.00	0.00	0.00	24.57	14935.00
74	SOLID PANEL PVC DOOR SHUTTER Providing & fixing 30mm thick factory made rigid foam Panelled Door Shutters made from M.S. tube of 19 gauge thickness, size 19x19mm fro styles and 15x15mm for top & bottom rails, covered with heat moulded PVC channel of 5mm thick sheet & 30 x 50mm wide to form styles & 5mm thick & 75mm wide PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick 20mm wide PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet fitted in the M.S. Frame, Sealed to the styles & rails with 5x30mm PVC sheet beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in-charge fixed to frames with 3 nos of 75 m.m Aluminium hinges etc., complete and as per the directions of the Engineer-in-charge of the work	Sqm	3.15	3689.83	3.15	11623.00	0.00	0.00	3.15	11623.00
75	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - 20mm nominal OD pipes etc., complete and as per the directions of the Engineer-in-charge of the work	M	200	242.68	200.00	48536.00	0.00	0.00	200.00	48536.00

0.00

Sl. No.	Description	Unit	BOQ Qty.	BOQ RATE	Previous Bill		Present Bill		Total claimed up to this bill	
					Quantity	Amount	Quantity	Amount	Quantity	Amount
76	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spat & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - 25mm nominal OD pipes etc., complete and as per the directions of the Engineer-in-charge of the work	m	195	288.90	195.00	56336.00	0.00	0.00	195.00	56336.00
77	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 25mm nominal bore including cost of all materials, labour and HOM of equipments with all leads etc., complete and as per the directions of the Engineer-in-charge of the work	Each	10	693.36	10.00	6934.00	0.00	0.00	10.00	6934.00
78	Providing and fixing to wall, ceiling and floor, low density polyethylene pipes 6.00 kgf/sq.cm working pressure 140mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing etc., complete and as per the directions of the Engineer-in-charge of the work	m	40	614.78	40.00	24591.00	0.00	0.00	40.00	24591.00
79	Constructing brick masonry inspection chamber 455 x 610 mm and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing etc., complete and as per the directions of the Engineer-in-charge of the work	Nos	4	8136.58	4.00	32546.00	0.00	0.00	4.00	32546.00

0.00

Sl. No.	Description	Unit	BOQ Qty.	BOQ RATE	Previous Bill		Present Bill		Total claimed up to this bill	
					Quantity	Amount	Quantity	Amount	Quantity	Amount
80	Providing and fixing white vitreous china clay, surgeon type wash basin size 660x460mm with a pair of 15mm C.P brass pillar taps with pair of elbow operated levers, C.I / M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour etc., complete and as per the directions of the Engineer-in-charge of the work	Unit	2	5291.49	2.00	10583.00	0.00	0.00	2.00	10583.00
81	Providing and fixing in position brass bib cock of approved quality 25mm nominal bore including cost of all materials, labour and HOM of equipments with all leads etc., complete and as per the directions of the Engineer-in-charge of the work	Each	10	317.79	10.00	3178.00	0.00	0.00	10.00	3178.00
82	Providing and fixing white vitreous china clay, water closet Orissa pattern of size 580 x 440mm with integral type footrests, 100mm S or P trap, 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour etc., complete and as per the directions of the Engineer-in-charge of the work	Pan	2	5010.68	2.00	10021.00	0.00	0.00	2.00	10021.00
83	Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications. (For 1000 litre capacity) etc., complete and as per the directions of the Engineer-in-charge of the work	Nos	1	9784.47	1.00	9784.00	0.00	0.00	1.00	9784.00
84	Providing and fixing 453x357mm dia rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour etc., complete and as per the directions of the Engineer-in-charge of the work	Unit	8	1363.61	3.00	4091.00	5.00	6818.05	8.00	10909.00
85	Outdoor PLZ IP Cameras with 20 X optical zoom with controller along with suitable mounting system (PTZ Pan Tilt and Zoom feature is availbale in this camera can be contolled by the software for pan Tilt and zoom feature at the contol center and can be programmed to view at different angles and zoom level continuosly. It operates at day and night and the viewing distance at clarity is about 100 metres	Nos	1	83954.34	1.00	83954.00	0.00	0.00	1.00	83954.00

6818.05

Sl. No.	Description	Unit	BOQ Qty.	BOQ RATE	Previous Bill		Present Bill		Total claimed up to this bill	
					Quantity	Amount	Quantity	Amount	Quantity	Amount

	about 100 metres										

6818.05

Sl. No.	Description	Unit	BOQ Qty.	BOQ RATE	Previous Bill		Present Bill		Total claimed up to this bill	
					Quantity	Amount	Quantity	Amount	Quantity	Amount
86	Bracket (Corner Mount / Pole Mount/ Wall Mount) for mounting the PTZ camera.	Nos	6	4565.69	6.00	27394.00	0.00	0.00	6.00	27394.00
87	Outdoor 50 Meter IP Cameras with IR & Mounting Bracket (with IR for day and night vision and can provide a viewing distance of 50 metres)	Nos	6	22641.20	6.00	135847.00	0.00	0.00	6.00	135847.00
88	Bracket and weatherproof Installation kit for 50 Meter IP Camera	Nos	6	1653.15	6.00	9919.00	0.00	0.00	6.00	9919.00
89	Outdoor 30 Meter IP Cameras with IR & Mounting Bracket (with IR for day and night vision and can provide a viewing distance of 30 metres)	Nos	6	16328.20	6.00	97969.00	0.00	0.00	6.00	97969.00
90	Bracket and weatherproof Installation kit for 30 Meter IP Camera	Nos	6	1595.37	6.00	9572.00	0.00	0.00	6.00	9572.00
91	32 Channel NVR DS 7732 NI- E4 (with 4 Sata Option) the control box and the recording device to connect upto 32 devices, can be cascaded to provide additional cameras	Nos	1	71670.74	1.00	71671.00	0.00	0.00	1.00	71671.00
92	12 TB NAS Box for Back up (NET GEAR) provides storage for the recorded data for quick view back and storage	Nos	1	275439.40	1.00	275439.00	0.00	0.00	1.00	275439.00
93	4 TB SATA for storage and fitted in the NVR Device for storage	Nos	2	24449.50	2.00	48899.00	0.00	0.00	2.00	48899.00
94	A suitable sheet metal control panel to house site Equipments (Weather Proof) The power supply and the ethernet connectivity adaptor is stored in this box.	Nos	12	1632.82	12.00	19594.00	0.00	0.00	12.00	19594.00
95	Power supply for the camera.	Nos	12	493.27	12.00	5919.00	0.00	0.00	12.00	5919.00
96	Ethernet Switch for connectivity to Internet and Camera	Nos	12	1016.50	12.00	12198.00	0.00	0.00	12.00	12198.00
97	Supply & Laying of Network and Power Cables from Camera to the control Box.	Nos	9	416.23	9.00	3746.00	0.00	0.00	9.00	3746.00
98	Video Manager Application Software for Display and Management of Camera on Video Display.	Nos	6	21400.00	6.00	128400.00	0.00	0.00	6.00	128400.00
99	Installation, Erection & commissioning charges	Nos	6	5414.20	6.00	32485.00	0.00	0.00	6.00	32485.00
100	Dismantling cement concrete flooring or plain cement concrete work including removing and conveying the debris to distance upto 200m (within average thickness of 15 cms)(item no 37.51page no 258)	Cum	2.32	170.56	2.31	394.00	0.00	0.00	2.31	394.00
101	KSRRB M200-14.2. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. ii) Dismantling brick/Tile work B. In cement mortar. MORTH Specification No. 202	Cum	11.62	388.97	0.00	0.00	11.40	4434.26	11.40	4434.00

4434.26

Sl. No.	Description	Unit	BOQ Qty.	BOQ RATE	Previous Bill		Present Bill		Total claimed up to this bill	
					Quantity	Amount	Quantity	Amount	Quantity	Amount
102	KSRB 2.14-1: Extra for additional lift of 1.5m. or part thereof for excavation In loose / soft or hard soil including cost of materials, labour complete as per specifications. (Page no -7, item no - 2.21)	Cum	20.38	233.43	20.38	4758.00	0.00	0.00	20.38	4758.00
103	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892cum and fine aggregates @ 465 cum machine mixed, machine mixed,concrete laid in layers not exceeding 15 cms, thick well compacted, in foundation and plinth, including cost of all material, labour HOM Machinery curing complete as per specification,(Page. No. 12 Item No. 4.2	Cum	18.46	5831.16	18.46	107633.00	0.00	0.00	18.46	107633.00
104	KSRB 5.1-3 : Providing and constructing granite / trap / basalt rubble stone masonry in foundation with cement mortar 1:6 (uncoursed), bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.12(Page. No. 22 Item No.5.3)	Cum	44.09	3754.54	43.31	162602.00	0.00	0.00	43.31	162602.00
105	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2(Page No : 15, item No : 4.28)	Sqm	31.2	266.94	31.20	8329.00	0.00	0.00	31.20	8329.00
106	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (Page No : 16, item No : 4.32)	Sqm	74.36	422.95	74.36	31451.00	0.00	0.00	74.36	31451.00
107	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2(Page No : 16, item No : 4.31)	Sqm	55.24	338.59	49.36	16711.00	5.88	1990.91	55.24	18702.00
108	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitonsupto 3.50m from ground level. Specification No. KBS 4.6.2(Page No : 15, item No : 4.18)	Sqm	98.85	361.70	95.41	34510.00	3.44	1244.25	98.85	35754.00

3235.16

Sl.		Unit	BOQ Qty.	BOQ RATE	Previous Bill		Present Bill		Total claimed up to this bill	

3235.16

Sl. No.	Description	Unit	BOQ Qty.	BOQ RATE	Previous Bill		Present Bill		Total claimed up to this bill	
					Quantity	Amount	Quantity	Amount	Quantity	Amount
109	KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2(Page No : 16, item No : 4.34)	Sqm	65.18	295.83	60.71	17959.00	4.47	1322.36	65.18	19282.00 19281
110	KSRB 4.2.8: Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintles, and beams retaining walls, return walls, walls (any thickness) including attached plasters, columns, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6. (P. No. 14/ I.No. 4.13	Cum	17.95	7116.18	17.95	127703.00	0.00	0.00	17.95	127703.00
111	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 - TMT bars Fe 500 (Page No : 17, item No : 4.46.2)	Tonne	7.66	70037.45	7.20	504509.00	0.46	32217.22 31937.08 32217.22	7.66	536726.22 536446.00 32217.13
112	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto SO m. and lift upto 1.S m. including cost of all labour complete as per specifications. specification. No. KBS(Page No : 6, item No : 2.10)	Cum	22.93	146.76	22.93	3366.00	0.00	0.00	22.93	3366.00

33539.58

Sl. No.	Description	Unit	BOQ Qty.	BOQ RATE	Previous Bill		Present Bill		Total claimed up to this bill	
					Quantity	Amount	Quantity	Amount	Quantity	Amount
113	KSRB 5-11 : Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 5.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4(Page No :25, item No : 5.27.1)	Sqm	136.12	1082.80	136.12	147385.00	0.00	0.00	136.12	147385.00
114	KSRB 5-11 : Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 5.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4(Page No :25, item No : 5.27.2)	Sqm	156.11	1048.13	86.92	91098.00	69.19	72520.11	156.11	163618.00
115	KSRB15-3.4 : Providing 15mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications...(Page No.113, Item No.15.12)	Sqm	468.16	236.90	316.40	74954.00	151.29	35840.60	467.69	110795.00
116	KSRB15-3-13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P.No. 113, I.No. 15.21 of PWD SR 2015-16)	Sqm	98.85	223.03	91.96	20510.00	6.89	1536.68	98.85	22047.00
117	KSRB 15.10.2 Providing white washing for every one additional coat with lime of approved quality, to give an even shade including cost of materials, labour, complete as per specifications. (Page No. 115, Item No. 15.39)	Sqm	468.16	4.62	316.40	1462.00	151.29	698.96	467.69	2161.00
118	KSRB 15.10.4 Providing white washing to ceiling and / or sloping roof surface with additional one coat with lime of approved quality, to give an even shade including cost of materials, labour, complete as per specifications.(Page No. 115, Item No. 15.41)	Sqm	98.85	4.62	91.96	425.00	6.88	31.79	98.84	457.00

110628-14.

110628.14

Sl. No.	Description	Unit	BOQ Qty.	BOQ RATE	Previous Bill		Present Bill		Total claimed up to this bill	
					Quantity	Amount	Quantity	Amount	Quantity	Amount
119	KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. - with primer. (P. No. 118, I.No. 15.53.2).	Sqm	200.45	100.54	199.33	20041.00	0.00	0.00	199.33	20041.00
120	Providing and applying two coats with Plastic emulsion paint of approved brand wall surface to a give an even approved shade after throuughly brushing the surface,free from mortar drops and other foreign matter, including priming , including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications,with primer. (Page No : 117, item No :15.51.2)For internal walls.	Sqm	235.58	104.00	235.58	24500.00	0.00	0.00	235.58	24500.00
121	Providing and applying two coats with Plastic emulsion paint of approved brand wall surface to a give an even approved shade after throuughly brushing the surface,free from mortar drops and other foreign matter, including priming , including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications,with primer. (Page No : 117, item No :15.51. 2 & 3) for ceiling	Sqm	98.85	108.63	91.96	9990.00	6.88	747.37	98.84	10737.00
122	KSRB 14.14-5: Providing Ceramic tiles of approved make,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications. - for Ceramic Tiles 400 x 400mm on a bed of 20mm thick (Page No : 106, item No :14.36.3)	Sqm	106.9	1361.30	83.01	113002.00	23.85	32467.01	106.86	145469.00
123	KSRB 14.14-5: Providing Ceramic tiles of approved make,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications. - for Ceramic Tiles of size 30x30cms 6mm thick. (P.No.106, I.No. 14.36.2)	Sqm	232.58	1358.99	232.58	316067.00	0.00	0.00	232.58	316067.00

33214.38

Sl. No.	Description	Unit	BOQ Qty.	BOQ RATE	Previous Bill		Present Bill		Total claimed up to this bill	
					Quantity	Amount	Quantity	Amount	Quantity	Amount
124	Providing and laying flooring using prepolished, water cut/gang saw 19mm thick granite laid over bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to mach shade of granite slabs including laying POP on finished surface and cleaning the surface, including the cost of all materials and labours etc., complete as per specifications. - using silver grey granite / Multy Red / Ruby Red / Black / HassanGreen Granite of width not less than 1200mm (P.No.107, I.No.14.47.1)	Sqm	9.72	3026.52	9.72	29418.00	0.00	0.00	9.72	29418.00
125	KSRB 7.9:Providing and fixing M.S.gill work for windows and ventilators using M.S.flats, or M.S. square rods, or combination of M.S.flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications. Specification No. KBS 7.12 . (Page No : 32, item No :7.9)	Kgs	319.41	90.14	319.41	28792.00	0.00	0.00	319.41	28792.00
126	KSRB 9.4-2 : Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications. Specification No. KBS 9.33	Cum	0.16	118859.24	0.16	19017.00	0.00	0.00	0.16	19017.00
127	KSRB 9.5-2 : Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) Specification No. KBS 9.34	Sqm	4.2	5365.45	4.20	22535.00	0.00	0.00	4.20	22535.00

0.00

Sl. No. | Description | Unit | BOQ Qty. | BOQ RATE | Previous Bill | Present Bill | Total claimed up to this bill

Sl. No.	Description	Unit	BOQ Qty.	BOQ RATE	Previous Bill		Present Bill		Total claimed up to this bill	
					Quantity	Amount	Quantity	Amount	Quantity	Amount
128	KSRB 7.10 : Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame section of size 61.85x31.75mm. with 1.2mm thick, bottom section weight 0.695 kg/m, sides and top sections 1.3 mm. thick weight 0.659 kg/m; and shutter comprising top and bottom section of size 40mmx18mm, 1.25mm thick 0.417 kg./m; shutter outer side 40mmx18mm, 1.25mm.thick weight 0.417 kg/m, shutter interlock section 40mmx26.7mm, 1.1mm thick, weight 0.469 kg/m. the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; and providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted in the assembled frame stiffened with end clips at corners angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be with necessary steel screws, raul plugs, or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar, aluminium sections pretreated for removal of any Specification No. KBS using aluminium section anodized to 12 - 15 microns. (P.No. 301/ I. No. 7.10.1	Sqm	13.56	4412.08	13.56	59828.00	0.00	0.00	13.56	59828.00
129	KSRB 13-11.1 : Providing and placing on terrace, polyethylene water storage tanks as per IS 12701 : 1996 with manhole lid and suitable locl<ing arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications.(For 1 000 litre capacity) Specification No.KBS 13.22 (P.No.94, I.No.13.78 of PW, P&IWTD S.R 2016-17)	Each	4	9784.47	2.00	19569.00	2.00	19568.94	4.00	39138.00
130	KSRB13-8.5 : Providing and fixing to wall, ceiling and floor, low density polyethylene pipes 6.00 kgf/sq.cm working pressure 110mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. Specification No.KBS 13.2.15.1 / 13.9(P.No.94, I.No.13.70.4 of PW, P&IWTD S.R 2016-17)	Mtr	70	411.39	70.00	28797.00	0.00	0.00	70.00	28797.00
131	Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia. (P.No. 88, I.No. 12.111 of PWD SR 2016-17)	Each	40	184.90	10.00	1849.00	30.00	5547.00	40.00	7396.00

25115.94

Sl. No.	Description	Unit	BOQ Qty.	BOQ RATE	Previous Bill		Present Bill		Total claimed up to this bill	
					Quantity	Amount	Quantity	Amount	Quantity	Amount
132	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot). - 10cms x 7.5cms (P.No. 88, I.No. 12.113.1 of PWD SR 2016-17)	Each	40	288.90	10.00	2889.00	30.00	8667.00	40.00	11556.00
133	KSRB13-6.1-1 : Providing and fixing in position brass bib cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.2 / 13.3 (P.No. 91, I.No. 13.23 of PWD SR 2016-17)	Each	25	280.81	25.00	7020.00	0.00	0.00	25.00	7020.00
134	KSRB13-6.3-3 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 25mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.6 / 13.3. (P.No.91/ I.No. 13.34 of CSR 2016-17)	Each	20	693.36	20.00	13867.00	0.00	0.00	20.00	13867.00
135	KSRB13-6.3-3 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.6 / 13.3. (P.No.91/ I.No. 13.33 of CSR 2016-17)	Each	25	472.64	25.00	11816.00	0.00	0.00	25.00	11816.00
136	Constructing brick masonry inspection chamber 450x450mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS 450x450mm and 450mm depth (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 450x450mm (P.No. 73/ I.No.11.50.2 of PWD SR 2016-17)	Nos	8	6175.53	6.00	37053.00	2.00	12351.06	8.00	49404.00

21018.06

21018.06

Sl. No.	Description	Unit	BOQ Qty.	BOQ RATE	Previous Bill		Present Bill		Total claimed up to this bill	
					Quantity	Amount	Quantity	Amount	Quantity	Amount
137	KSRB 11-2 : Providing and fixing white vitreous china clay, water closet Orissa pattern of size 580 x 440mm with integral type footrests, 100mm S or P trap, 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11. (P.No. 77, I.No.12.2 of PWD SR 2015-16).(P.No.77 I.No.12.2 of CSR 2016-17)	Each	6	5010.68	6.00	30064.00	0.00	0.00	6.00	30064.00
138	KSRB 11-5 : Providing and fixing white vitreous china clay, water closet European type (Pedestal type, P-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11. (P.No. 77, I.No.12.5 of PWD SR 2015-16).(P.No.77 I.No.12.2 of CSR 2016-17)	Each	19	5928.23	0.00	0.00	19.00	112636.37	19.00	112636.00
139	KSRB 11-7.4 : Providing and fixing white vitreous china clay, flat back, lipped front urinal basin of 430x260x350mm in the range of four with 10 litres PVC automatic flushing cistern, C.I / M.S brackets, standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps complete painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11. (P.No. 77, I.No.12.2 of PWD SR 2015-16).(P.No.77 I.No.12.10 of CSR 2016-17)	Each	9	7869.64	4.00	31479.00	5.00	39348.20	9.00	70827.00
140	KSRB 11-11.1 : Providing and fixing white vitreous china clay, flat back wash basin size 630x450mm with a pair of 15mm C.P brass pillar taps with C.I / M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11 (P.No.80 I.No.12.23 of CSR 2016-17)	Each	9	4490.66	3.00	13472.00	6.00	26943.96	9.00	40416.00

178928.53

Sl. No.	Description	Unit	BOQ Qty.	BOQ RATE	Previous Bill		Present Bill		Total claimed up to this bill	
					Quantity	Amount	Quantity	Amount	Quantity	Amount
141	Fabricating, supplying and erecting M.S. TubularTruss of span upto 10m. The bottom and top member is provided with 50x50x6mm double equal angles, welded back to back and in between top and bottom line, in areas of mid section is provided with 50x50x6mm equal single angle for vertical and inclined members and at supporting ends 40x40x5mm single angle is provided. All the members are welded together with 6mm gusset plate as per Drawing. The entire truss is anchored in RCC column by using 4 Nos. of M.S. anchor bolts at each support, with 10mm thick base plate and shoe plate.The work includes cutting, straightening, placing in position of M.S angle and wleding wherever necessary, and applying one coat of red oxide primer coat to all themembers including cost of all materials, labour charges, and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift, transportation, etc., complete as per specification. (Page No. 40 Item No. 7.29 of CSR 2015-16)	Each	52.28	127.12	0.00	0.00	52.28	6645.83	52.28	6646.00
142	PROVIDING TRAPEZOIDAL PROFILED SHEET Providing and installing of pre painted Galvolume iron Trapezoidal profiled sheet of approved make 1060 mm width (1000 mm cover width), 28-30 mm crest height with crest distance of 200 mm c/c with 2 ribs at the centre for stiffening. The total coated thickness (TCT) of the sheet will be 0.47 mm +/- 0.02 mm tolerance Zinc-Alu Alloy coating AZ150 gsm as per ASTM 1397/A755-550 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling/self tapping screws of 25 mm length, to be fixed over the existing purlins, rafters, channels and trusses.	Each	20.64	889.81	0.00	0.00	20.64	18365.68	20.64	18366.00

25011.51

Sl. No.	Description	Unit	BOQ Qty.	BOQ RATE	Previous Bill		Present Bill		Total claimed up to this bill	
					Quantity	Amount	Quantity	Amount	Quantity	Amount

Sl. No.	Description	Unit	BOQ Qty.	BOQ RATE	Previous Bill		Present Bill		Total claimed up to this bill	
					Quantity	Amount	Quantity	Amount	Quantity	Amount
143	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its qualityf 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging techinical personal and labour required etc., as per Specification and direction (P.48, I. 9.4) PRED.SR 2012-13	Each BW	2	2013.74	2.00	4027.00	0.00	0.00	2.00	4027.00
144	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) P. 46 / I. 9.1 PRED SR 2012-13 (0 to 50 Mtr)	Rmtr	100	327.42	100.00	32742.00	0.00	0.00	100.00	32742.00
145	50 to 100 m	Rmtr	100	428.00	100.00	42800.00	0.00	0.00	100.00	42800.00
146	100 to 150 m	Rmtr	100	476.15	100.00	47615.00	0.00	0.00	100.00	47615.00
147	150 to 200 m	Rmtr	100	502.90	100.00	50290.00	0.00	0.00	100.00	50290.00
148	200 to 260 m	Rmtr	120	582.08	120.00	69850.00	0.00	0.00	120.00	69850.00
149	Providing 250mm dia PVC Pipe 6kg/cm SE PRED Approved Rate	Rmtr	36	807.28	36.00	29062.00	0.00	0.00	36.00	29062.00

Sl. No.	Description	Unit	BOQ Qty.	BOQ RATE	Previous Bill		Present Bill		Total claimed up to this bill	
					Quantity	Amount	Quantity	Amount	Quantity	Amount
150	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings 12.50 HP 25 stage. ATALANTA< SUGNA< CRI, KIRLOSKAR and other Equivalent Pumps PWD SR 2016-17 P. XXXXII Item No. 24 including of all taxes	No	2	79501.00	2.00	159002.00	0.00	0.00	2.00	159002.00
151	Supplying of ISI marked galvanized mild steel tube (continously welded electric resistance welded (ERW) high frequency, induction welded (HFIW) Hot finished welded type of nominal bore given below screwed at both ends as per IS 554/1986 with latest amendments, pipes threaftes at one end and the other end protected asper specification in random lengths of 4 to 7 mtrs Confirming to IS 1239 part I/1990 with amendament 1-5 and with all its latest amendements if any. The pipes supplied should be with BIS mark No 3/08-09 2406/15.10.2008	Rmtr	500	401.25	500.00	200625.00	0.00	0.00	500.00	200625.00
152	Heavy Duty Collar 50 mm dia	Nos	88	139.10	88.00	12241.00	0.00	0.00	88.00	12241.00
153	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper with low resistance conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and powder coating extruded PVC sheathed suitable for working voltage upto 1100Volts as per IS-694:1990 & confirming to GTP of GROUP-A. P. No. 12 / I No. 2.10.4(1) 3C x 6 Sqm mm KPWD Electrical SR 2014-15	Mtr	510	201.91	510.00	102974.00	0.00	0.00	510.00	102974.00
154	Erection of pumpset including aligning and balancing with all necessary erection materials and labour including supply and erection of one pair supporting clamps, one borewell cap. Cable clips with bolts, nuts, valves guages etc., involoved in the job (Necessary GI pipe and specials with be supplied by the board at the site free of cost) (As per rate approved KUWS & DB for year 2008-09	Nos	2	3210.00	2.00	6420.00	0.00	0.00	2.00	6420.00

0.00

Sl. No.	Description	Unit	BOQ Qty.	BOQ RATE	Previous Bill		Present Bill		Total claimed up to this bill	
					Quantity	Amount	Quantity	Amount	Quantity	Amount
155	KSRB 13-7.1-4: Providing and fixing in position 50mm nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications NO KBS 13.2.16 / 13.13 Page No. 93 Item No. 13.55 / PWD SR 2016-17	Nos	2	1728.78	2.00	3458.00	0.00	0.00	2.00	3458.00
156	Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc., complete. P. No. 95 / I. No. 13.81.3 PWD SR 2016-7	Nos	2	248.45	2.00	497.00	0.00	0.00	2.00	497.00
157	Supplying and fixing 50mm dia GI X nipple with ISI mark with all lead and lift loading unloading and labour charges etc complete	Nos	8	85.60	8.00	685.00	0.00	0.00	8.00	685.00
158	Supplying shunt capaitors conforming to IS 2834, 3phase 400/440 volts grade for power factor improvement of rotating machinery, Capacitor in KVAR rating Nos. 2KVAR capacity with all lead and lift =, loading, unloading and labour charges etc complete as per specifications	Nos	2	374.50	2.00	749.00	0.00	0.00	2.00	749.00
159	Supplying and delivery at site brand new star / Essen/ Lotus/Sun-shines/Adarsh/ GK Controls best indigenous make combined energy meter - cum- control panel board unit of size 600x450 x200 mm minimum mechanically strong vermin and water proof. The unit shall have two detachable doors suitable for operation on 3 ph, 50Hz, 380/440 volts, A.C supply with spring loaded latch, locking device with a key ribs should be provided inside the door, canopy apron and louvers ventilators shall be provided. the combined energy meter cum- control panel board unit suitable for operation. The panel board shall be fabricated on single unit in the above components for suitable pumpset. 12.5HP to 15 HP Star Delta Starter SERDED Rate	Nos	2	11770.00	2.00	23540.00	0.00	0.00	2.00	23540.00
160	Earthwork excavation for pipeline trenches including deporiting or bank up to a lead of 50 mtrs including shiriry and statting danger lighting and using site rails and boming poles at every 100 mtrs wherever necessary as directed in th following strructure manhole. Page No. 01/ Item No.1.2.2 / PRED SR 2012-13 Hard Soil	Cum	54	201.16	54.00	10863.00	0.00	0.00	54.00	10863.00

0.00

Sl. No.	Description	Unit	BOQ Qty.	BOQ RATE	Previous Bill		Present Bill		Total claimed up to this bill	
					Quantity	Amount	Quantity	Amount	Quantity	Amount
161	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation Etc., Page No.15 item No.3.4.2 b PRED SR 2012-13.	Rmtr	120	167.99	120.00	20159.00	0.00	0.00	120.00	20159.00
162	Refilling the basement and pipeline treanches with secleted available earthe for trench excavation including authority condition in layers from thedi including disponsary of the sunplus earth with a heavy 200 mtrs Page No. 3 / Item No. 1.6 / PRED SR 2012-13	Cum	54	65.27	54.00	3525.00	0.00	0.00	54.00	3525.00
163	KSRB 13.6.3-6 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 50mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No. KBS 13.2.6/13.3 P. 92 / I.13.37 PWD SR - 2016-17	Each	2	2371.29	2.00	4743.00	0.00	0.00	2.00	4743.00
164	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6 (Page No : 13, item No : 4.11)	Cum	19.5	6946.31	19.50	135464.00	0.00	0.00	19.50	135464.00

0.00

					Previous Bill		Present Bill		Total claimed up to this bill	
					Quantity	Amount	Quantity	Amount	Quantity	Amount

Sl. No.	Description	Unit	BOQ Qty.	BOQ RATE	Previous Bill		Present Bill		Total claimed up to this bill	
					Quantity	Amount	Quantity	Amount	Quantity	Amount
165	SOLID PANEL PRELAM PVC DOOR SHUTTER Providing & fixing 30mm thick factory made rigid foam Prelam Panelled Door Shutters made from M.S. tube of 19x19mm, 19 gauge for styles and 15x15mm for top & bottom rails, covered with heat moulded Prelaminated PVC C Channel of 5mm thick sheet & 30x50mm wide to form styles & 5mm thick & 75mm wide Prelaminated PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick, 20mm wide cross PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet Prelaminated on either side fitted in the M.S. frame, Sealed to the styles & rails with PVC Designer beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in-charge fixed to frames with 3 nos of 75mm. Aluminium hinges. with both side prelam(item no 9.85.1 page no 58)	Sqm	23.22	4674.40	23.22	108540.00	0.00	0.00 4676479.41	23.22	108540.00
166	Providing Modern Dust Bins	Nos	10	14445.00	10.00	144450.00	0.00	0.00	10.00	144450.00
	Bescom Deposit					42916.00				42916.00
						8844100				13520579.41
						8844149.00		4677236.00		13521383.00
	Amount in Words	Rupees Forty Six Lakh Seventy Seven Thousand Two Hundred Thirty Six Only								

8844100 + 4676479.41 = 13,20,579.41

8844100 + 4676000.00 = 1,35,20,100.00

Certificate:

1 Certified that the contractor has done the work satisfactor
2 Certified that the debris has been removed from the site
3 Certified that the No dues from the contractor
4 Certified that the above item of the work were not claimed in any other bill

Consultant

Assistant Engineer
Byatarayanapura Division
B.B.M.P

Assistant Executive Engineer
Byatarayanapura Division
B.B.M.P

Assistant Executive Engineer,
Rodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Executive Engineer
Byatarayanapura Division
B.B.M.P